

WHAT IS CLAIMED IS:

1. A coin processing device, comprising:

a housing;

5 a disk-type coin sorter disposed within the housing, the coin sorter comprising
an input hopper for receiving coins of a plurality of denominations to
be sorted,

a rotatable disk for imparting motion to the plurality of coins,

10 a stationary head having a lower surface generally parallel to and
spaced slightly away from the rotatable disk, the lower surface having a plurality of
shaped regions for controlling the movement of the coins and guiding coins to
a plurality of exit channels for discharging coins, the plurality of coin exit
channels corresponding to a plurality of coin denominations to be processed,

15 a coin receptacle station disposed within the housing for holding a plurality of
coin receptacles, each of the plurality of receptacles for holding coins of a single
denomination, the coin receptacle station being moveable between a first position and
a second position, the coin receptacle station being disposed entirely within the
housing for receiving coins when in the first position, the coin receptacle station
having a manifold including a plurality of coin paths for guiding coins from the exit
20 channels to the coin receptacles when the coin receptacle station is in the first
position, the coin receptacle station extending out of the housing when in the second
position.

25 2. The coin processing device of claim 1 wherein the coin receptacle
station includes a plurality of casters, the coin receptacle station being adapted to roll
on the plurality of casters when moving between the first position and the second
position.

30 3. The coin processing device of claim 1 wherein the coin receptacles
comprise coin bags, the coin receptacle station including a plurality of coin bag
holders.

4. The coin processing device of claim 1 further comprising a dampening mechanism for controlling the movement of the coin receptacle station between the first position and the second position, the dampening mechanism having a first end coupled to the housing and second end coupled to the coin receptacle station.

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5. A coin processing machine, comprising:

a housing for containing the coin processing device;

a coin processing unit disposed within the housing, the coin processing unit adapted to process received coins of a plurality of denominations and to discharge processed coins into a plurality of coin receptacles; and

10 a coin receptacle station disposed within the housing for holding a plurality of coin receptacles, the coin receptacle station including a plurality of individually moveable platforms each having at least one coin receptacle disposed thereon, each moveable platform being moveable between a first position and a second position, each moveable platform being disposed entirely within the housing for receiving coins in the at least one coin receptacle disposed thereon when in the first position, each moveable platform extending out of the housing when in the second position.

15 6. The coin processing device of claim 5 further comprising a track along which each moveable platform rides when moving between the first position and the second position.

20 7. The coin processing device of claim 5 wherein the coin processing unit comprises a disk-type coin sorter having a plurality of coin exit channels for discharging sorted coins.

25 8. The coin processing device of claim 7 wherein the coin receptacle station comprises a manifold having a plurality of coin paths for directing coins discharged from the plurality of exit channels to the plurality of coin receptacles.

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9. The coin processing device of claim 8 wherein the coin receptacles are coin bins.

10. The coin processing device of claim 8 wherein the coin receptacles are coin bags.

5 11. The coin processing device of claim 10 wherein each of the moveable platforms include at least one coin bag partition for separating the coin bags.

12. The coin processing device of claim 10 wherein the coin receptacle station includes a plurality of coin bag holders disposed proximate the exits of the plurality of coin paths.

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13. The coin processing device of claim 5 wherein the coin receptacles are coin bags.

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14. The coin processing device of claim 5 wherein the housing further comprises a door moveable between an open position and a closed position, the door permitting a moveable platform to move from the first position to the second position when the door is in the open position.

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15. The coin processing device of claim 14 wherein the door is disposed on the rear side of the housing.

16. The coin processing device of claim 14 wherein the door is disposed on the front side of the housing.

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17. A coin processing device, comprising:
a housing for containing the coin processing device;
a coin processing unit disposed within the housing, the coin processing unit adapted to process received coins of a plurality of denominations and to discharge processed coins into a plurality of coin receptacles; and

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a rotatable coin receptacle station disposed within the housing for holding the plurality of coin receptacles, the coin receptacle station being adapted to rotate for moving each of the plurality of coin receptacles to an operator access area of the housing.

18. The coin processing device of claim 17 wherein the housing includes a door for covering the operator access area of the housing, the door being moveable between an open position and a closed position.

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19. The coin processing device of claim 17 wherein the coin processing unit comprises a plurality of coin exit channels for discharging sorted coins.

20. The coin processing device of claim 17 wherein the coin receptacles are coin bins.

10 21. The coin processing device of claim 17 wherein the coin receptacles are coin bags.

15 22. The coin processing device of claim 21 wherein the rotatable coin receptacle station includes a surface for supporting the bottoms of the coin bags.

23. The coin processing device of claim 22 wherein the height of the surface is adjustable for accommodating coin bags of different lengths.

20 24. The coin processing device of claim 21 wherein the rotatable coin receptacle station includes a plurality of coin bag partitions for separating the coin bags.

25 30 25. A method for processing coins with a coin processing machine includes a housing, a coin sorting unit disposed within the housing, and a plurality of moveable coin-receptacle platforms each for holding at least one coin receptacle, the coin-receptacle platforms each being independently moveable between a first position and a second position, each coin-receptacle platform being disposed entirely within the housing for receiving coins when in the first position, each coin-receptacle platform extending out of the housing when in the second position, the method comprising:

receiving a plurality of coins of a plurality of denominations to be sorted;

sorting the plurality of coins according to denomination with the coin sorting unit;

directing sorted coins to the plurality of coin receptacles, each coin receptacle containing coins of a single denomination; and

5 moving one of the coin-receptacle platforms from the first position to the second position for accessing the coin receptacles.

10 26. The method of claim 25 further comprising opening a door of the housing prior to moving the one of the coin-receptacle platforms from the first position the second position.

15 27. A coin processing device, comprising:

a housing for containing the coin processing device;

a coin sorting unit disposed within the housing, the coin sorting unit sorting and discharging coins according to denomination; and

20 a coin receptacle area selected from the group consisting of

a coin receptacle station disposed within the housing for holding a plurality of coin receptacles each for receiving discharged coins of a single denomination, the coin receptacle station including a plurality of individually moveable platforms each having at least one coin receptacle disposed thereon,

25 each moveable platform being moveable between a first position and a second position, each moveable platform being disposed entirely within the housing for receiving coins in the at least one coin receptacle disposed thereon when in the first position, each moveable platform extending out of the housing when in

the second position, and

25 a moveable coin bin for receiving the discharged coins and commingling the received coins in an interior of the coin bin.

30 28. The coin processing device of claim 27 wherein the moveable coin bin is disposed on wheels.

29. The coin processing device of claim 27 comprising a telescoping handle pivotally attached to the movable coin bin has a telescoping handle.

30. The coin processing device of claim 27 wherein the coin receptacles comprise coin bags.

5 31. The coin processing device of claim 28 comprising at least one coin bag partition disposed on each of the moveable platforms.

32. A method for manufacturing a coin processing device based on the needs of a customer, the method comprising:

10 providing a coin processing device having a housing containing a coin processing unit for processing received coins and discharging coins to a coin receptacle area disposed within the housing, the coin receptacle area being cabling of receiving one of

15 a coin receptacle station disposed within the housing for holding a plurality of coin receptacles each for receiving discharged coins of a single denomination, the coin receptacle station including a plurality of individually moveable platforms each having at least one coin receptacle disposed thereon, each moveable platform being moveable between a first position and a second position, each moveable platform being disposed entirely within the housing for receiving coins in the at least one coin receptacle disposed thereon when in the first position, each moveable platform extending out of the housing when in the second position, or

20 25 a moveable coin bin for receiving the discharged coins and commingling the received coins in an interior of the coin bin;

selecting, based on customer input, one of the coin receptacle station or the moveable coin bin; and

installing the selected one of coin receptacle station or the moveable coin bin based on customer input.